

# U.S. Environmental Protection Agency

## FY 2013 President's Budget

*"Innovation...demands  
research."*

- President's State of the Union address

*Prepared for the Science Advisory Board  
March 1, 2012*



# FY 2013 President's Budget Request

- EPA's budget represents numerous difficult decisions intended not only to meet reduced funding levels, but to position the Agency to continue fulfilling its mission into the 21<sup>st</sup> Century.
- We have taken steps to reduce some programs, eliminate lower priority programs, redirect resources to address higher priority core work, and maintain strong support for our partners.
- We have found efficiencies to maximize the resources available to programs both now and in the future.
- Science and research continue to be the foundation of all our work at the EPA.

# FY 2013 President's Budget Request Overview by Appropriation

- EPA's FY 2013 President's Budget request is \$8.34 billion

Appropriation	FY 2011 Enacted	FY 2012 Enacted	FY 2013 PresBud	Delta	
				FY 13 PB- FY 12 EN	% Change
Science & Technology	\$813.5	\$793.7	\$807.3	\$13.5	1.7%
Environmental Program & Management	\$2,756.5	\$2,678.2	\$2,817.2	\$139.0	5.2%
Inspector General	\$44.7	\$41.9	\$48.3	\$6.3	15.1%
Building and Facilities	\$36.4	\$36.4	\$42.0	\$5.6	15.4%
Inland Oil Spill Programs	\$18.3	\$18.2	\$23.5	\$5.3	29.0%
Hazardous Substance Superfund	\$1,280.9	\$1,213.8	\$1,176.4	(\$37.4)	-3.1%
Leaking Underground Storage Tanks	\$112.9	\$104.1	\$104.1	(\$0.0)	0.0%
State and Tribal Assistance Grants	\$3,758.9	\$3,612.9	\$3,355.7	(\$257.2)	-7.1%
<b>State Revolving Funds</b>	<b>\$2,485.0</b>	<b>\$2,384.3</b>	<b>\$2,025.0</b>	<b>(\$359.3)</b>	<b>-15.1%</b>
<b>Categorical Grants</b>	<b>\$1,104.2</b>	<b>\$1,088.8</b>	<b>\$1,202.4</b>	<b>\$113.6</b>	<b>10.4%</b>
<b>Other</b>	<b>\$169.7</b>	<b>\$139.8</b>	<b>\$128.3</b>	<b>(\$11.5)</b>	<b>-8.2%</b>
Rescission of Prior Year Funds	(\$140.0)	(\$50.0)	(\$30.0)	\$20.0	-40.0%
<b>Agency Total</b>	<b>\$8,682.1</b>	<b>\$8,449.3</b>	<b>\$8,344.5</b>	<b>(\$104.9)</b>	<b>-1.2%</b>

NOTE: Numbers may not add due to rounding.

# FY 2013 Budget Highlights – Significant Reductions

*Making difficult reductions and funding choices, but maintaining core mission activities:*

- State Revolving Funds (-\$359.3M)
  - The CWSRF is funded at \$1,175 million and the DWSRF is funded at \$850 million.
- Superfund Remedial (-\$33.2M)
  - Funding will be prioritized to on-going construction activity.
- Geographic Programs (-\$13.8M)
  - Some reductions among the geographic programs; Great Lakes Restoration work maintained at 2012 level.

# FY 2013 Budget Highlights – Significant Reductions

## *Working to leverage resources:*

- Clean Automotive Technologies (-\$16.3M )
  - The Agency is eliminating this mature program and will focus expertise on other aspects of EPA's vehicle work.
  - In 2013, other Federal research programs, such as the Department of Energy's Vehicles Technology program, will support the development of advanced automotive technologies.
- Diesel Emission Reduction Act (DERA) Grants (-\$15.0M)
  - DERA funding will be allocated to a new rebate program and national low-cost revolving loan or other financing program that targets the most polluting engines.

# FY 2013 Budget Highlights – Eliminations

*Mature programs with an established, strong science foundation, as well as existing methods for protecting public health:*

- Beaches Protection Categorical Grants (-\$9.9M)
  - The causes are well understood and state and tribal capacity is in place to implement beach monitoring programs.
- State Indoor Air Radon Grants (-\$8.0M)
  - Exposure pathways and effects are understood, and local and state capacity has been developed to implement protections.
- Fibers Program - Asbestos (-\$0.5M)
  - EPA proposes to eliminate the Fibers technical assistance program; the enforcement work will continue.

# FY 2013 Budget Highlights – Eliminations

## *Other changes that improve efficiency:*

- Environmental Education (-\$9.7M)
  - The Agency will integrate environmental education activities into existing Agency programs and build stronger public/private partnerships
- Automatic Transfer of Superfund Funding to Other Federal Agencies (-\$5.8M)
  - Funding for other Agencies will be determined based on project-specific needs.

# FY 2013 Budget Highlights – Partners

## *Supporting vital State and Tribal programs:*

- State and Local Air Quality Management Grants (+\$65.8M)
  - \$49 million is for core state workload including permitting.
  - \$15 million is for additional state air monitors to implement revised NAAQS.
- Tribal General Assistance Program (GAP) Grants (+\$28.7M)
  - Increase will allow sufficient resources for tribes to address a wider set of program responsibilities.
- Water Pollution Control Grants - Sect. 106 (+\$26.9M)
  - Increase provides additional resources to address TMDL, monitoring, and wet weather issues.
  - \$15 million is for states to improve their water quality programs relating to the management of nutrients.

# FY 2013 Budget Highlights – More Effective Core Implementation

- Next Generation Compliance (+\$36.0M)
  - Changing the way we do compliance – more efficient and more effective – updating data systems to allow electronic reporting, including the use of advanced monitoring equipment.
- Oil Spill: Prevention, Preparedness and Response (+\$4.6M)
  - Increase the number of inspections at high risk facilities and develop a third-party audit program for the others.
- Wetlands (+\$6.5M)
  - Support implementation of core Clean Water Act responsibilities under Section 404 and increase support to state wetland programs.

# FY 2013 Budget Highlights – Commitment to Core Mission

- Chesapeake Bay Program (+\$15.3M)
  - To facilitate implementation of Watershed Implementation Plans and integration of state and local efforts.
- Surface Water Protection (+\$7.7M)
  - Increase will strengthen the EPA's efforts to restore and maintain the chemical, physical, and biological integrity of the nation's waters.
- Drinking Water Programs (+\$6.0M)
  - Increase will strengthen efforts to protect the nation's drinking water supply, including support to states and tribes.
- Federal Stationary Source Regulations (+\$6.8M)
  - Coordinate actions for both criteria and toxic air pollutants to improve analysis and create efficiencies; analyze latest science and data for certain source categories to determine if further action is warranted.

# FY 2013 Budget Highlights – Dealing with Tomorrow's Challenges Today

- **Fuels Standards and Certification (+\$10.0M)**
  - Address the more than four-fold increase in demand for EPA vehicle and engine certifications, and for the evaluation of petitions for new biofuels.
- **Chemical Safety (+\$11.1M)**
  - Increase to Enhancing Chemical Safety initiative is to obtain needed information on potentially hazardous chemicals, and to assess and reduce chemical risks.
- **Hydraulic Fracturing Research (+\$8.0M)**
  - Collaborate with DOE and the USGS on hydraulic fracturing research analyzing the potential impacts of hydraulic fracturing on air, ecosystems, and water quality.

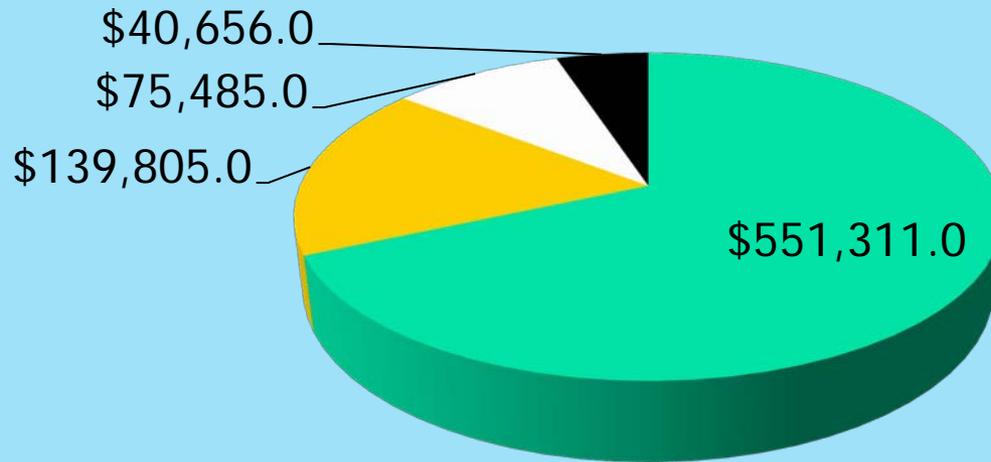
# FY 2013 EPA S&T Highlights Outside the Office of Research and Development

- An increase of \$10.0M for the Federal Vehicle and Fuels Standards program to manage the increasing workload of vehicle and fuel compliance, and implement the historic new clean car GHG/CAFE standards;
- A decrease of -\$8.5M in savings from the elimination of the Clean Automotive Technology (CAT) program - CAT expert staff will be transferred to support the Vehicle Certification and related programs;
- An increase of \$3.5M for the Agency's facilities infrastructure and operations including rent, utilities, and security; and
- A decrease of -\$1.6M reflects completion of activities under the Water Security Initiative - data collection and evaluation efforts for the first pilot will be completed.

# Background

# FY 2013 S&T Request by NPM

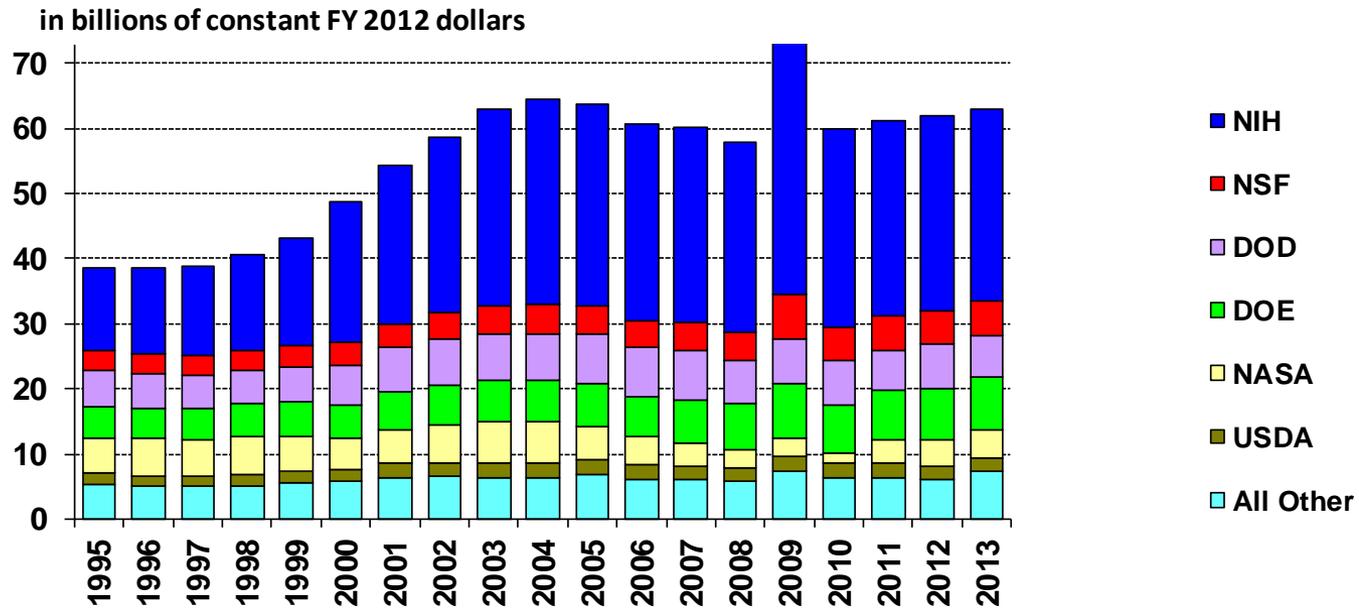
*(Dollars in Thousands)*



- Office of Research & Development
- Office of Air & Radiation
- Office of Administration & Resource Management
- All Other

# Government-wide Perspective

## Federal Research by Agency, FY 1995-2013



FY 2009 figures include Recovery Act appropriations.  
 Research includes basic research and applied research.  
 FEB. '12 OSTP